

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
 Data File : BM006007.D
 Acq On : 25 Jun 2016 18:38
 Operator : UM/SJ
 Sample : H3669-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y70

Quant Time: Jun 26 04:42:09 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 26 04:39:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	118221	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	641534	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	470793	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1344248	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2047617	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2500255	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	4511	1.70	ng/uL	0.00
3) Phenol-d5	6.83	99	198355	15.95	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	130418	18.85	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	146719	16.94	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	163944	15.62	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	83093	17.01	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	90437	16.64	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	166843	16.00	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	257405	22.76	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	760389	18.87	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	852834	18.24	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	161519	18.79	ng/ul	0.00
21) Fluorene-d10	15.30	176	669435	19.45	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	111486	14.94	ng/ul	0.00
26) Anthracene-d10	17.15	188	1196350	19.38	ng/ul	0.00
30) Pyrene-d10	19.45	212	1589602	17.72	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	2221861	19.68	ng/ul	0.00

Target Compounds

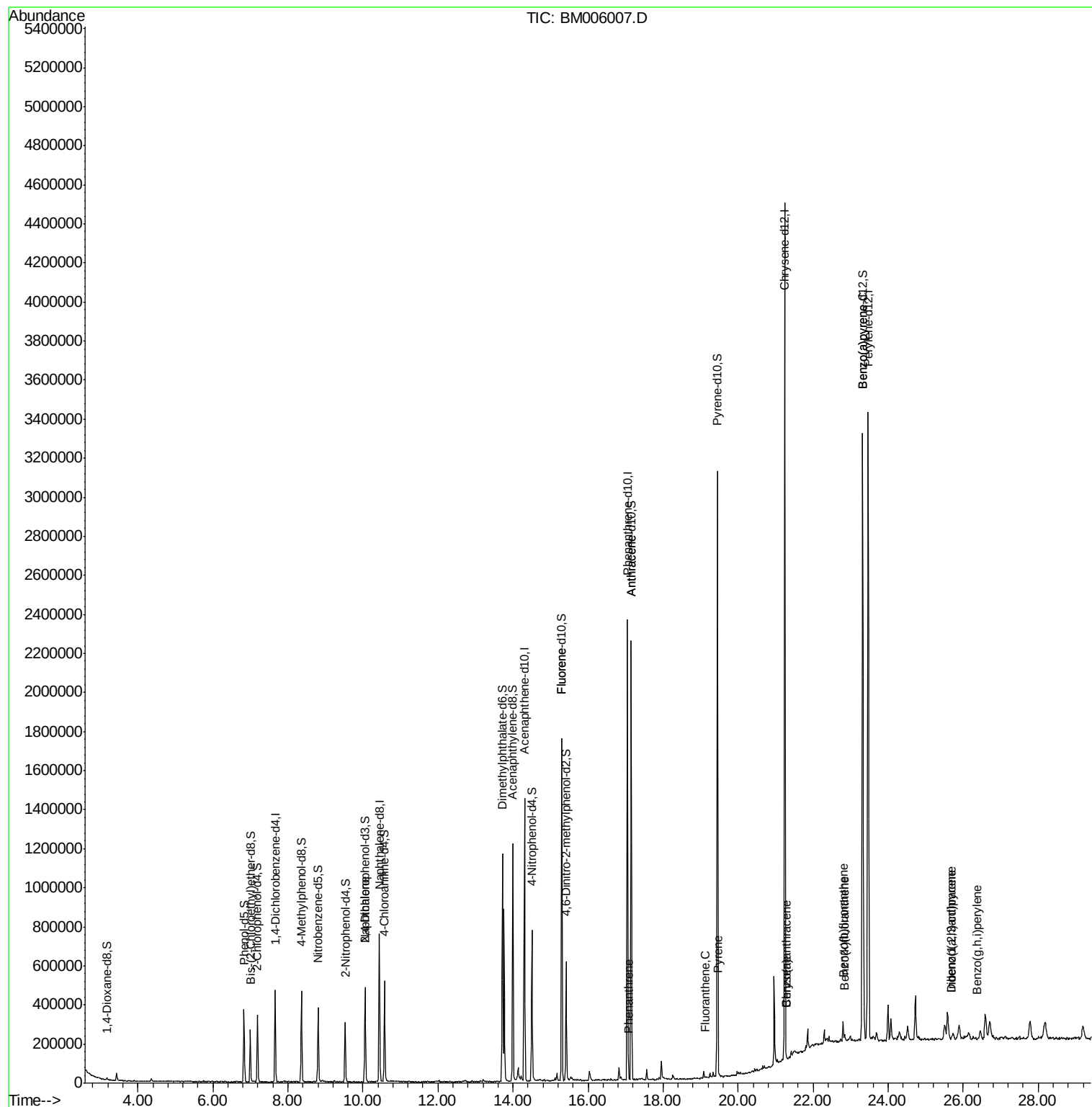
						Qvalue
11) Naphthalene	10.06	128	518	0.02	ng/ul#	1
22) Fluorene	15.30	166	1627	0.04	ng/ul#	4
25) Phenanthrene	17.09	178	1061	0.01	ng/ul#	60
27) Anthracene	17.14	178	420	0.01	ng/ul#	1
28) Fluoranthene	19.12	202	936	0.01	ng/ul#	75
31) Pyrene	19.47	202	1225	0.01	ng/ul#	8
32) Benzo(a)anthracene	21.28	228	1659	0.01	ng/ul	96
33) Chrysene	21.28	228	1659	0.01	ng/ul#	92
35) Benzo(b)fluoranthene	22.79	252	1593	0.01	ng/ul#	1
36) Benzo(k)fluoranthene	22.84	252	1038	0.01	ng/ul#	1
38) Benzo(a)pyrene	23.31	252	5035	0.04	ng/ul#	61
39) Indeno(1,2,3-cd)pyrene	25.67	276	325	0.00	ng/ul#	53
40) Dibenzo(a,h)anthracene	25.67	278	326	0.00	ng/ul#	57
41) Benzo(g,h,i)perylene	26.37	276	149	0.00	ng/ul#	54

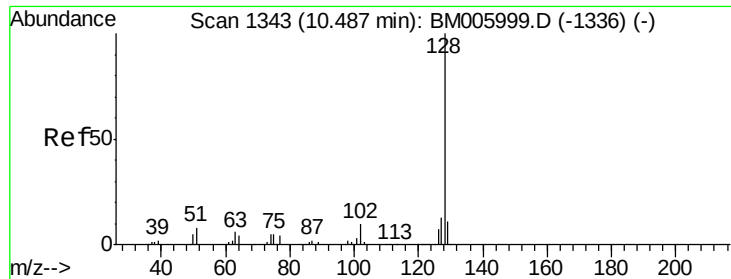
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Title : SVOA CALIBRATION
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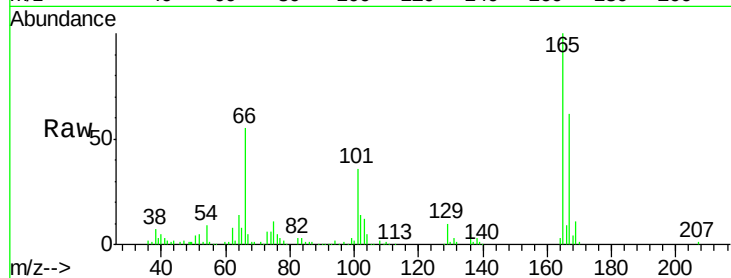




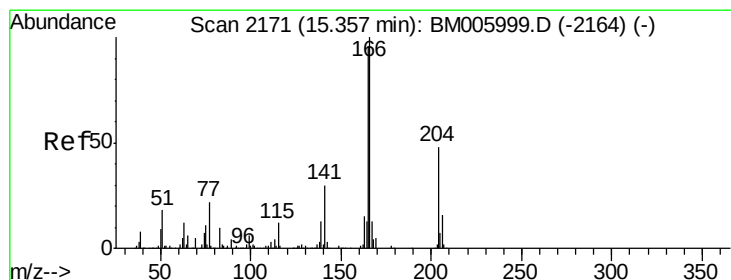
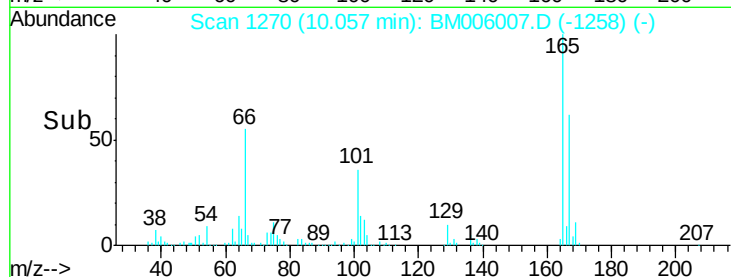
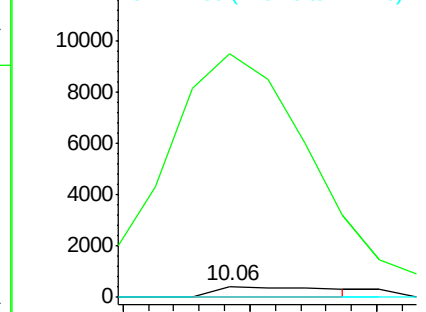
#11
Naphthalene
Concen: 0.02 ng/ul
RT: 10.06 min Scan# 1270
Delta R.T. -0.43 min
Lab File: BM006007.D
Acq: 25 Jun 2016 18:38

Instrument :
BNA_M
ClientSampleId :
D9Y70

Tgt Ion:128 Resp: 518
Ion Ratio Lower Upper
128 100
129 2196.1 8.6 13.0#
127 0.0 10.2 15.4#

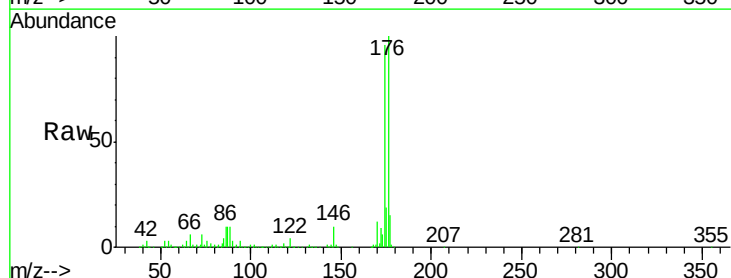


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

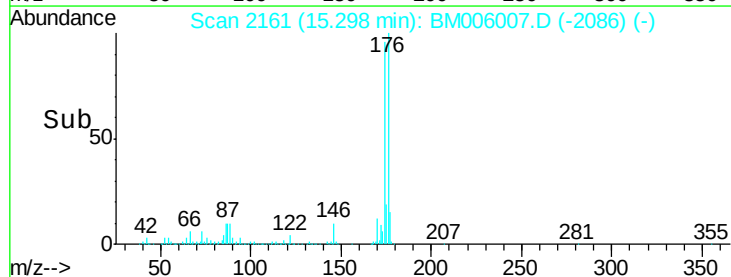
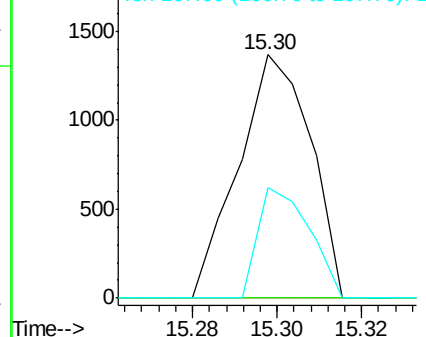


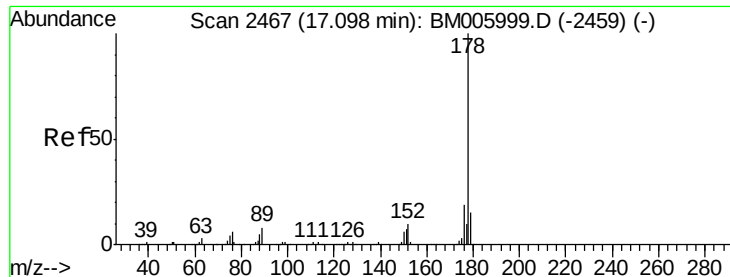
#22
Fluorene
Concen: 0.04 ng/ul
RT: 15.30 min Scan# 2161
Delta R.T. -0.06 min
Lab File: BM006007.D
Acq: 25 Jun 2016 18:38

Tgt Ion:166 Resp: 1627
Ion Ratio Lower Upper
166 100
165 0.0 76.8 115.2#
167 45.5 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#25

Phenanthrene

Concen: 0.01 ng/ul

RT: 17.09 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BM006007.D

Acq: 25 Jun 2016 18:38

Instrument :

BNA_M

ClientSampled :

D9Y70

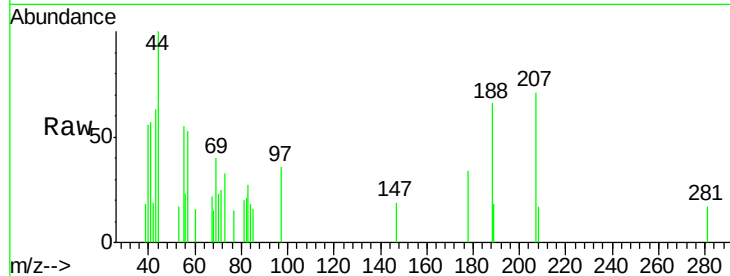
Tgt Ion:178 Resp: 1061

Ion Ratio Lower Upper

178 100

179 0.0 12.1 18.1#

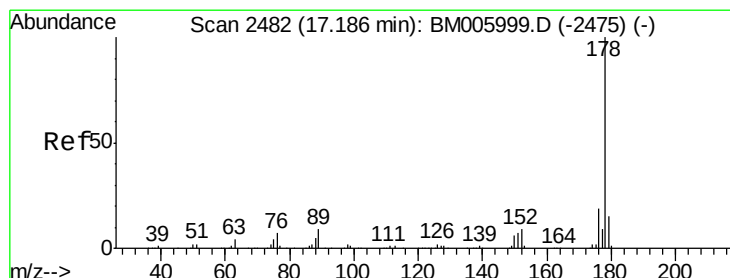
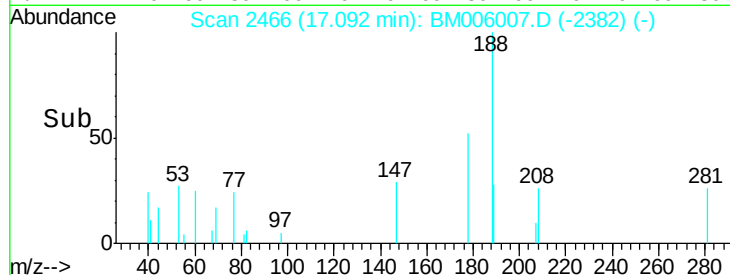
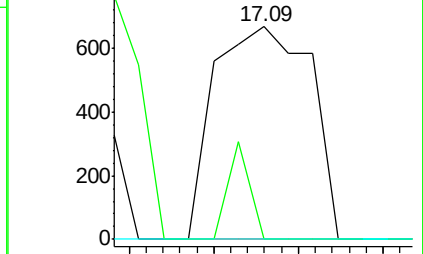
176 0.0 15.4 23.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#27

Anthracene

Concen: 0.01 ng/ul

RT: 17.14 min Scan# 2475

Delta R.T. -0.04 min

Lab File: BM006007.D

Acq: 25 Jun 2016 18:38

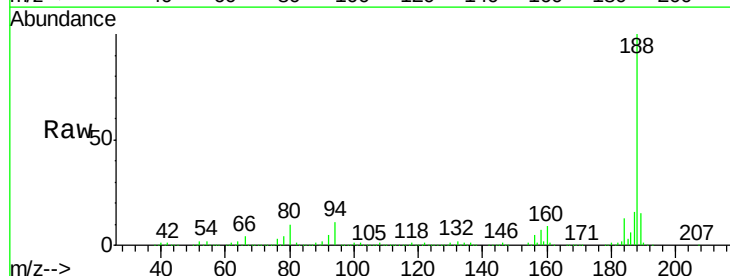
Tgt Ion:178 Resp: 420

Ion Ratio Lower Upper

178 100

179 179.1 12.2 18.4#

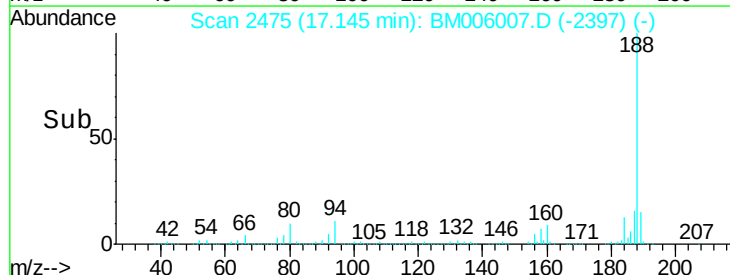
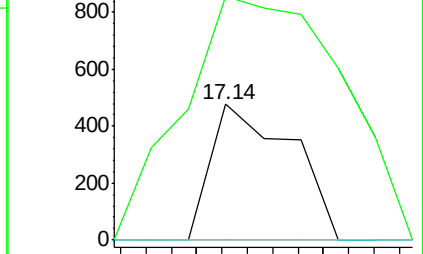
176 0.0 14.9 22.3#

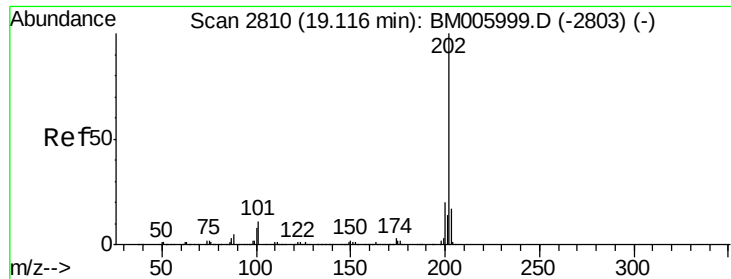


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

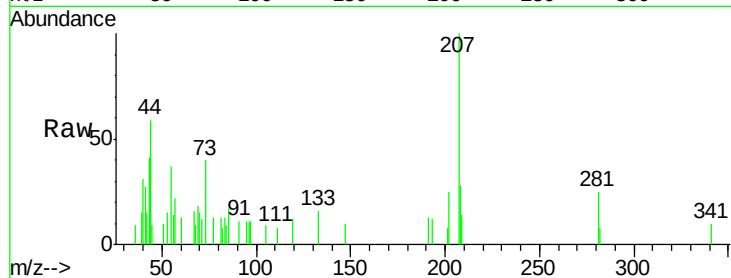




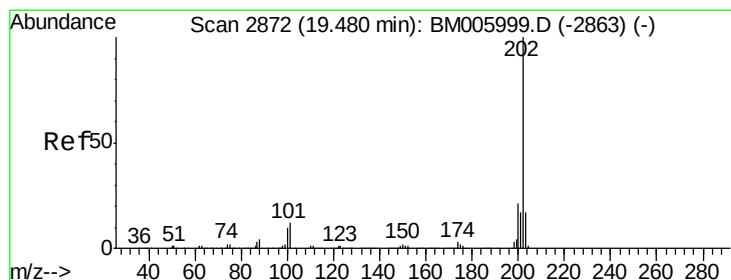
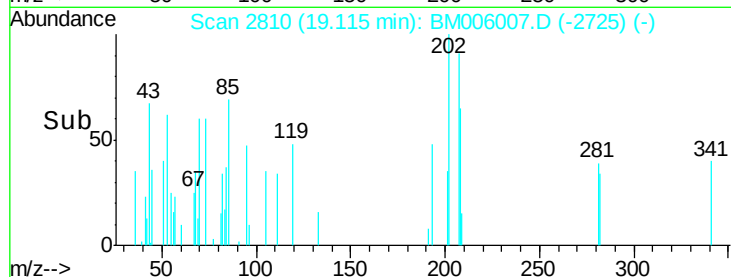
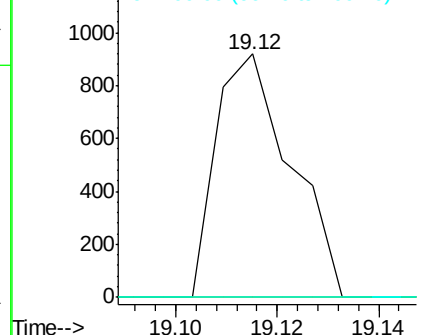
#28
Fluoranthene
Concen: 0.01 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BM006007.D
Acq: 25 Jun 2016 18:38

Instrument :
BNA_M
ClientSampleId :
D9Y70

Tgt Ion:202 Resp: 936
Ion Ratio Lower Upper
202 100
101 0.0 8.2 12.4#
100 0.0 6.3 9.5#

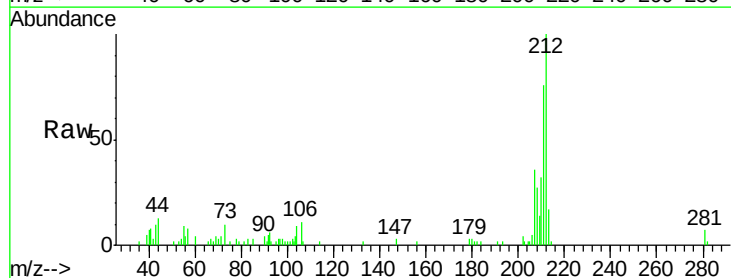


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

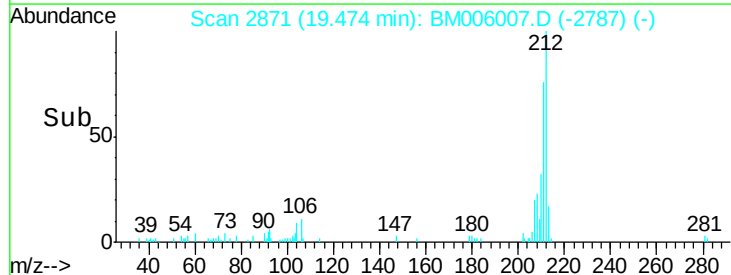
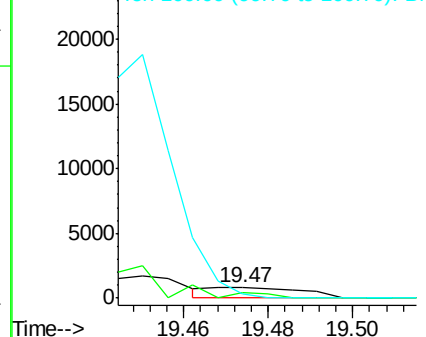


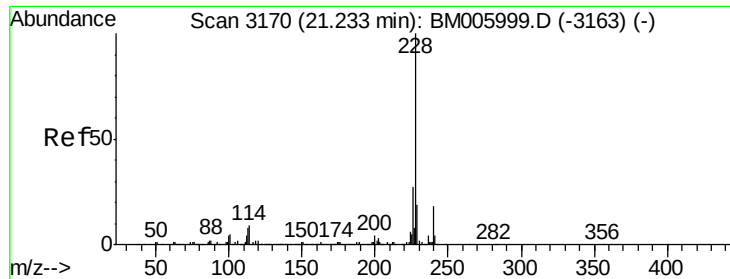
#31
Pyrene
Concen: 0.01 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM006007.D
Acq: 25 Jun 2016 18:38

Tgt Ion:202 Resp: 1225
Ion Ratio Lower Upper
202 100
101 49.9 9.8 14.6#
100 42.2 8.2 12.2#



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. 0.05 min

Lab File: BM006007.D

Acq: 25 Jun 2016 18:38

Instrument :

BNA_M

ClientSampleId :

D9Y70

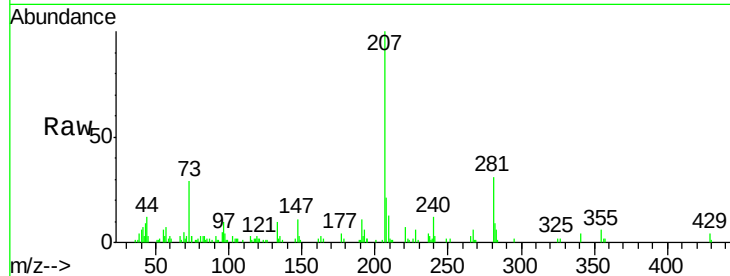
Tgt Ion:228 Resp: 1659

Ion Ratio Lower Upper

228 100

229 23.2 15.8 23.6

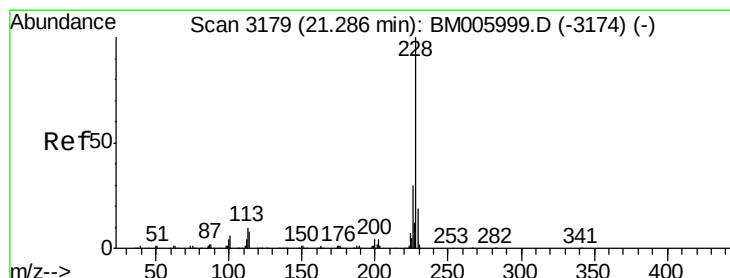
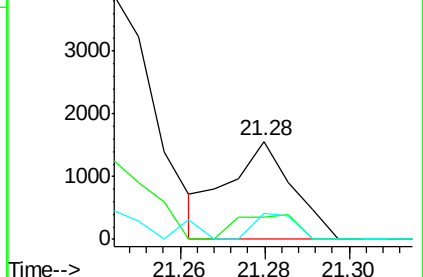
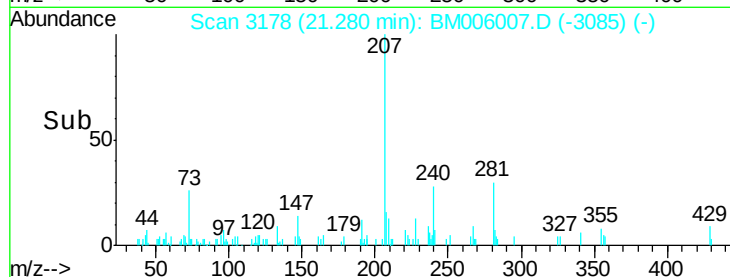
226 26.1 21.5 32.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#33

Chrysene

Concen: 0.01 ng/ul

RT: 21.28 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BM006007.D

Acq: 25 Jun 2016 18:38

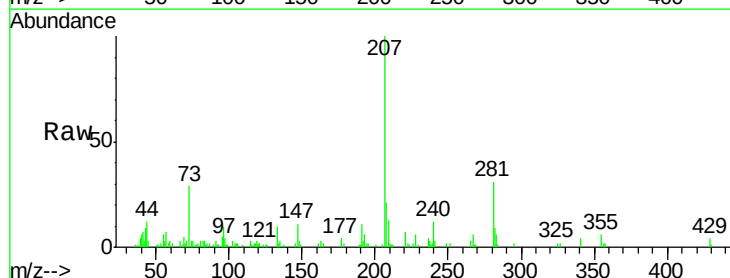
Tgt Ion:228 Resp: 1659

Ion Ratio Lower Upper

228 100

226 26.1 24.3 36.5

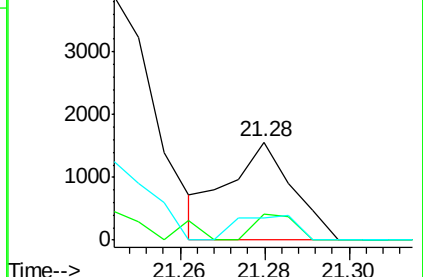
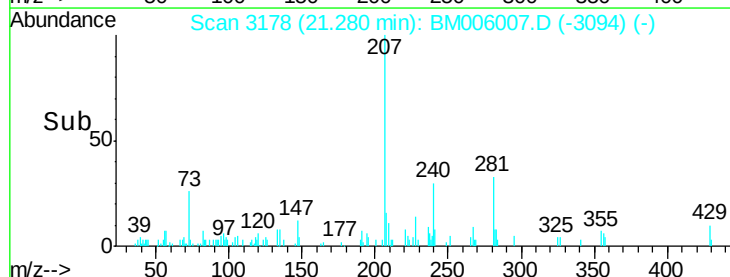
229 23.2 15.4 23.2#

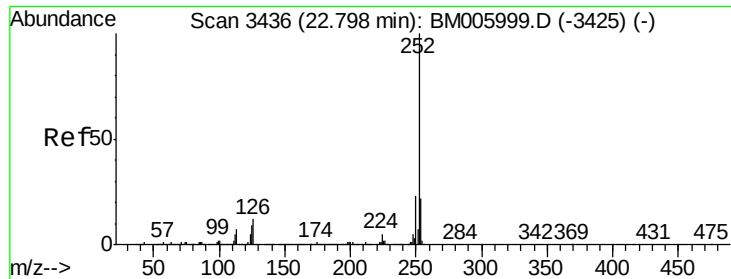


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#35

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.79 min Scan# 3435

Delta R.T. -0.01 min

Lab File: BM006007.D

Acq: 25 Jun 2016 18:38

Instrument :

BNA_M

ClientSampleId :

D9Y70

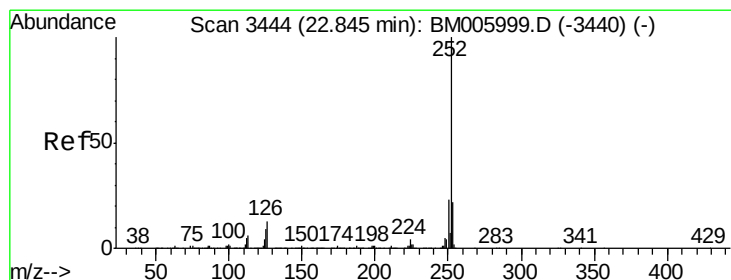
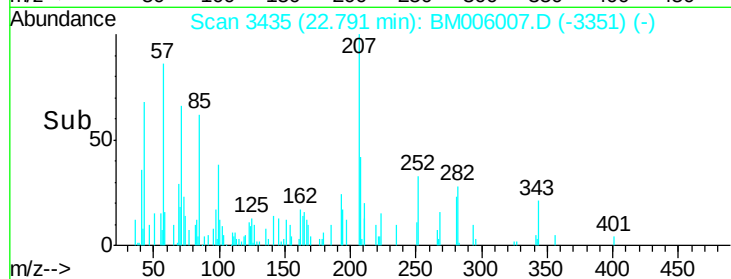
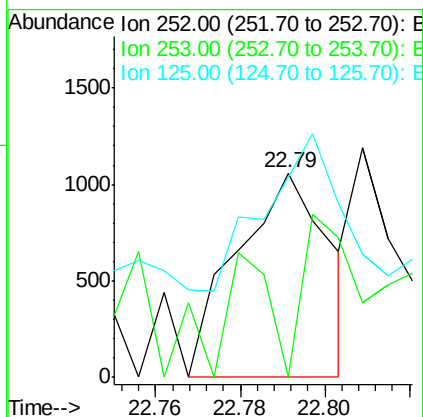
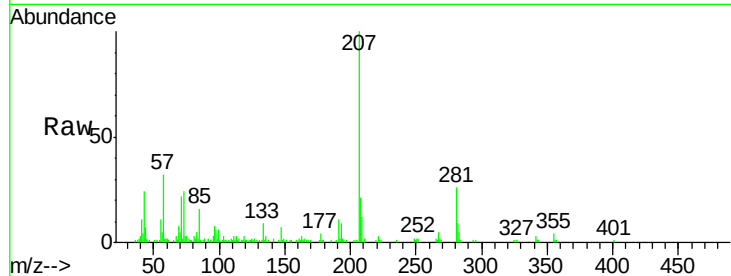
Tgt Ion:252 Resp: 1593

Ion Ratio Lower Upper

252 100

253 0.0 17.2 25.8#

125 98.0 6.8 10.2#



#36

Benzo(k)fluoranthene

Concen: 0.01 ng/ul

RT: 22.84 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM006007.D

Acq: 25 Jun 2016 18:38

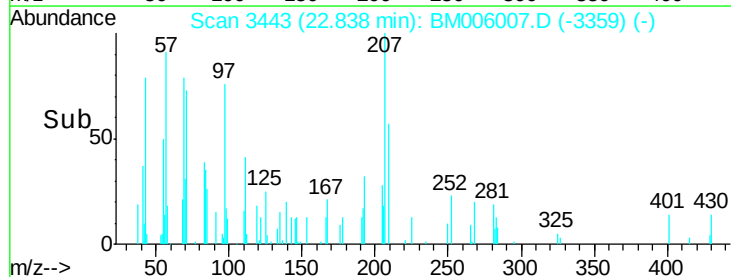
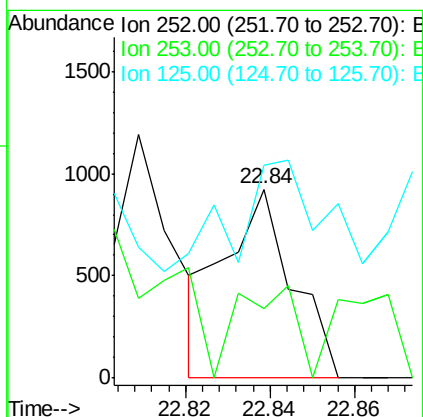
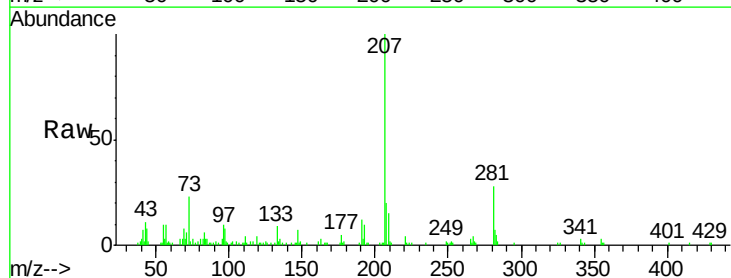
Tgt Ion:252 Resp: 1038

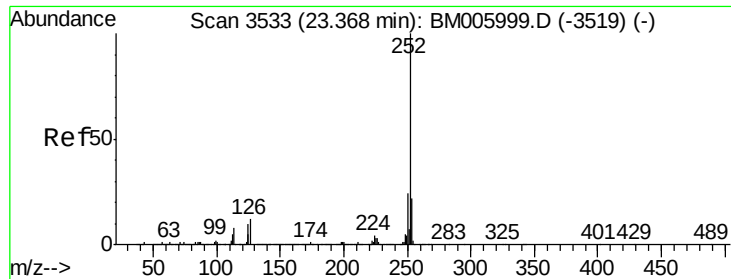
Ion Ratio Lower Upper

252 100

253 36.5 17.3 25.9#

125 112.9 7.0 10.4#





#38

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.31 min Scan# 3524

Delta R.T. -0.05 min

Lab File: BM006007.D

Acq: 25 Jun 2016 18:38

Instrument :

BNA_M

ClientSampleId :

D9Y70

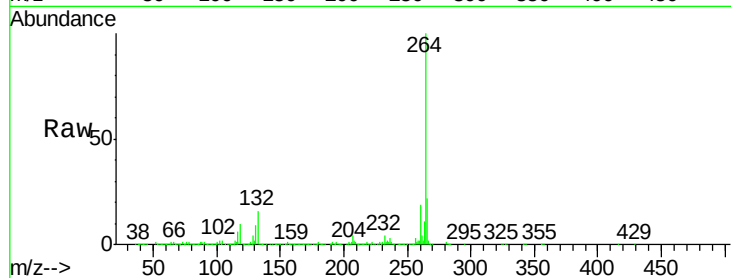
Tgt Ion:252 Resp: 5035

Ion Ratio Lower Upper

252 100

253 37.8 17.6 26.4#

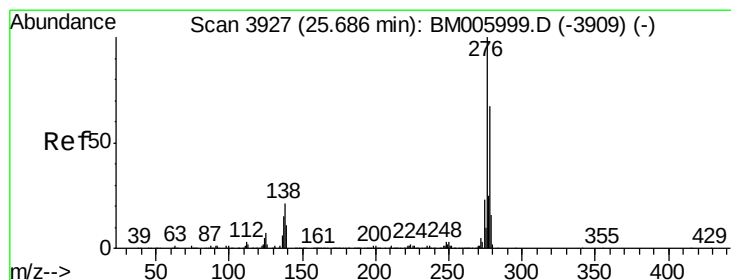
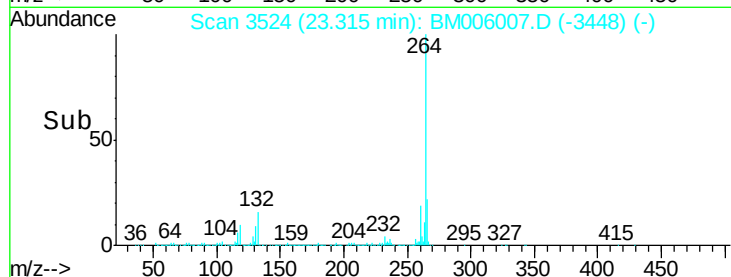
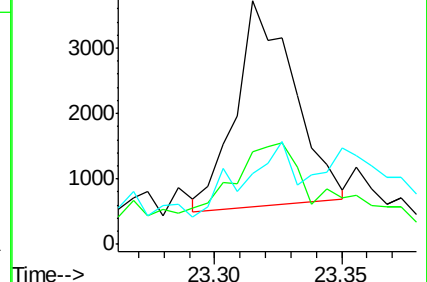
125 29.2 7.8 11.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#39

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.67 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BM006007.D

Acq: 25 Jun 2016 18:38

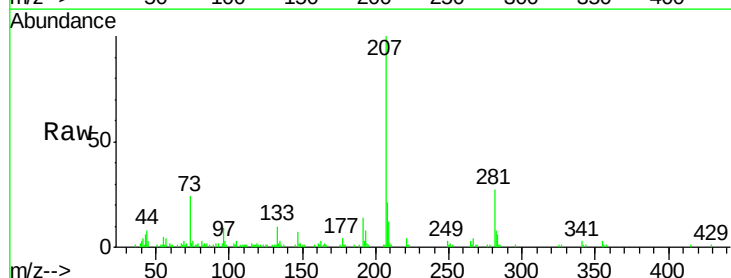
Tgt Ion:276 Resp: 325

Ion Ratio Lower Upper

276 100

138 0.0 16.6 25.0#

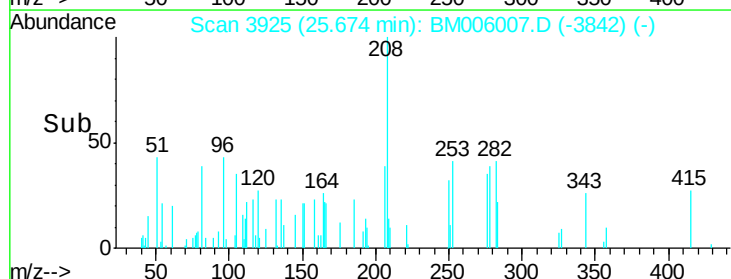
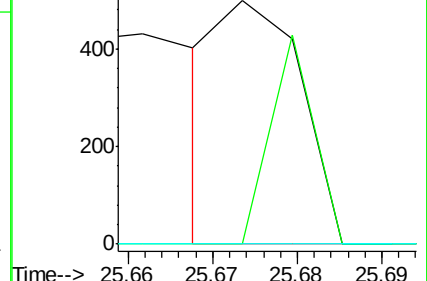
277 0.0 19.6 29.4#

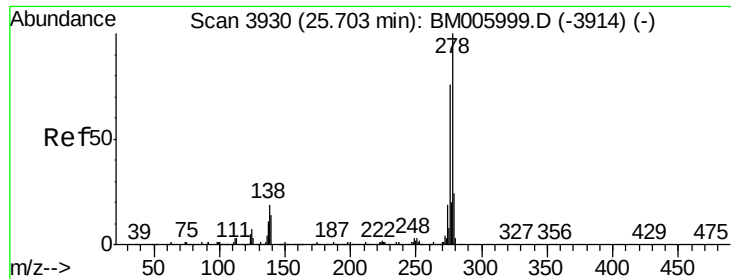


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#40

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.67 min Scan# 3925

Delta R.T. -0.03 min

Lab File: BM006007.D

Acq: 25 Jun 2016 18:38

Instrument :

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ClientSampleId :

D9Y70

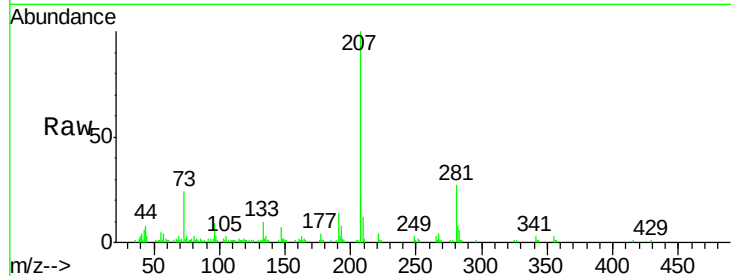
Tgt Ion: 278 Resp: 326

Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.2#

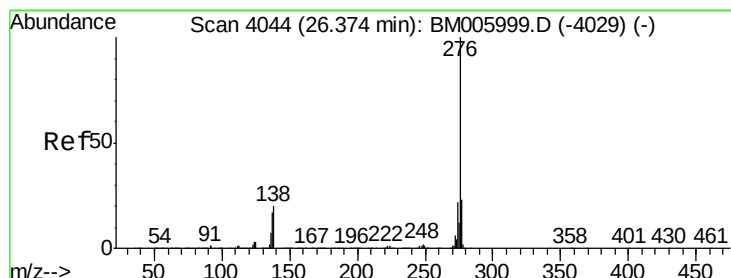
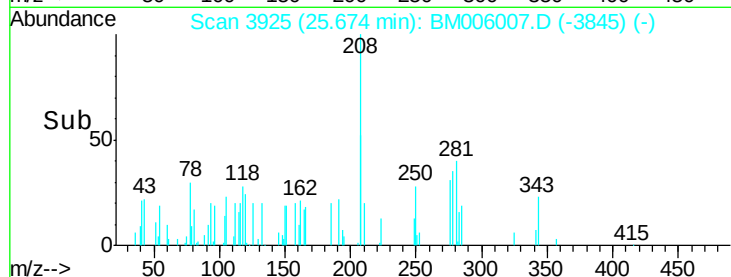
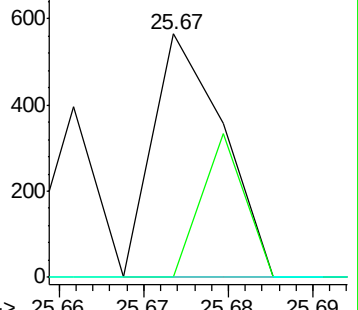
279 0.0 18.8 28.2#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#41

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.37 min Scan# 4043

Delta R.T. -0.01 min

Lab File: BM006007.D

Acq: 25 Jun 2016 18:38

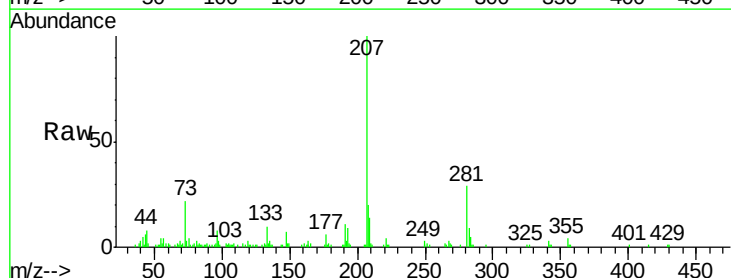
Tgt Ion: 276 Resp: 149

Ion Ratio Lower Upper

276 100

138 0.0 15.9 23.9#

277 0.0 19.2 28.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

